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Sequence Listing was accepted.
If you need help call the Patent Electronic Business Center at (866) 217-9197 (toll free).
Reviewer: Durreshwar Anjum
Timestamp: [year=2009; month=1; day=4; hr=9; min=24; sec=44; ms=870;]
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Validated By CRFValidator v 1.0.3

Application No: 10516361 Version No: 4.0

Input Set:

Output Set:

Started: 2008-12-22 15:41:49.630
Finished: 2008-12-22 15:41:50.676
Elapsed: 0 hr(s) 0 min(s) 1 sec(s) 46 ms
Total Warnings: 6
Total Errors: 0
No. of SeqIDs Defined: 36
Actual SeqID Count: 36

Error code	Error Description
W 213	Artificial or Unknown found in <213> in SEQ ID (1)
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W 213	Artificial or Unknown found in <213> in SEQ ID (3)
W 213	Artificial or Unknown found in <213> in SEQ ID (4)
W 213	Artificial or Unknown found in <213> in SEQ ID (5)
W 213	Artificial or Unknown found in <213> in SEQ ID (32)

SEQUENCE LISTING

<110> Amirul, Islam
Hazra, Papia

<120> MET/FRET BASED METHOD OF TARGET NUCLEIC ACID DETECTION WHEREBY THE DONOR/ACCEPTOR MOIETIES ARE ON COMPLEMENTARY STRANDS

<130> 3875.033

<140> 10516361
<141> 2004-11-30

<150> PCT/IN03/00204
<151> 2003-05-30

<150> 487/MUM/2002 (IN)
<151> 2002-05-31

<160> 36

<170> PatentIn version 3.5

<210> 1
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Forward PCR primer for amplification of a target sequence chosen arbitrarily and made from Sequence ID Nos. 3 and 4.

<400> 1
acttaagtta gagcgtttgc 20

<210> 2
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Forward PCR primer for amplification of a target sequence chosen arbitrarily and made from Sequence ID Nos. 3 and 4.

<400> 2
tggtagtatg tgatttagtc 20

<210> 3
<211> 40
<212> DNA
<213> Artificial

<220>
<223> Arbitrarily chosen sequences. Bases 27 to 40 are complementary to

basis 31 to 44 of Sequence ID No. 4. DNA polymerase extension of annealed Sequence ID Nos. 3 and 4 results in the target sequence.

<400> 3
tacacttaag ttagagcgtt tgcgcccact acgacggttg 40

<210> 4
<211> 44
<212> DNA
<213> Artificial

<220>
<223> Arbitrarily chosen sequences. Bases 27 to 40 are complementary to bases 31 to 44 of Sequence ID No. 4. DNA polymerase extension of annealed Sequence ID Nos. 3 and 4 results in the target sequence.

<400> 4
gtttttgtgg tagtatgtga tttagtcatt caaccgtcgt agtg 44

<210> 5
<211> 20
<212> DNA
<213> Artificial

<220>
<223> Forward PCR primer for amplification of a target sequence chosen arbitrarily and made from Sequence ID Nos. 3 and 4. Base t at base position 18 from 5' end has fluorophore FAM.

<400> 5
acttaagtta gagcgtttgc 20

<210> 6
<211> 19
<212> DNA
<213> Leishmania donovani

<400> 6
acggagcggc tgaaggtgc 19

<210> 7
<211> 27
<212> DNA
<213> Leishmania donovani

<400> 7
aggtgcatcc acttgtcctg cacctgc 27

<210> 8
<211> 21
<212> DNA
<213> Leishmania donovani

<400> 8
aggcagatgg cgcctgcctc g 21

<210> 9
<211> 25
<212> DNA
<213> Leishmania donovani

<400> 9
atgcggcgct gtagtacccc gcatc 25

<210> 10
<211> 20
<212> DNA
<213> Leishmania donovani

<400> 10
ggggtactac agcgccctga 20

<210> 11
<211> 28
<212> DNA
<213> Leishmania donovani

<400> 11
atggccatgt cctggaagat ggccatgg 28

<210> 12
<211> 29
<212> DNA
<213> Leishmania donovani

<400> 12
atggccatcg tcctggaaga tggccatgg 29

<210> 13
<211> 20
<212> DNA
<213> Leishmania donovani

<400> 13
gtcctggaag atggccatgg 20

<210> 14
<211> 20
<212> DNA
<213> Leishmania donovani

<400> 14
ctgcacacgg agcggctgaa 20

<210> 15
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<213> Leishmania donovani

<400> 15
ggacgagctc atggcgcctg 20

<210> 16
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<213> Leishmania donovani

<400> 16
gtcctgttca ccttccactg 20

<210> 17
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<212> DNA
<213> Leishmania donovani

<400> 17
gctcatggcg cctgcctcg 19

<210> 18
<211> 19
<212> DNA
<213> Leishmania donovani

<400> 18
gcgtgtagta ccccgcatc 19

<210> 19
<211> 20
<212> DNA
<213> Leishmania donovani

<400> 19
ggggtactac agcgccctga 20

<210> 20
<211> 20
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<213> Leishmania donovani

<400> 20
gtcctggaag atggccatgg 20

<210> 21

<211> 18
<212> DNA
<213> Leishmania donovani

<400> 21
ggggtactac agcgccct 18

<210> 22
<211> 29
<212> DNA
<213> Leishmania donovani

<400> 22
atggccatcg tcctggaaga tggccatgg 29

<210> 23
<211> 29
<212> DNA
<213> Leishmania donovani

<400> 23
atggccatcg tcctggaaga tggccatgg 29

<210> 24
<211> 19
<212> DNA
<213> Leishmania donovani

<400> 24
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<210> 25
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<400> 25
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<210> 26
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<213> Leishmania donovani

<400> 26
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<400> 27
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<213> Escherichia coli

<400> 28
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<210> 29
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<212> DNA
<213> Escherichia coli

<400> 29
ggcaatgaaa agccacttct 20

<210> 30
<211> 20
<212> DNA
<213> Escherichia coli

<400> 30
ttaaccggcg attgagtacc 20

<210> 31
<211> 20
<212> DNA
<213> Escherichia coli

<400> 31
agccttatga cgtgcagctt 20

<210> 32
<211> 70
<212> DNA
<213> ARTIFICIAL SEQUENCE

<220>
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cttaagtgta 70

<210> 33
<211> 48

<212> DNA
<213> Leishmania donovani

<400> 33
tgcggggtac tacagcgccc tgaccatggc catcttccag gacctcgg 48

<210> 34
<211> 40
<212> DNA
<213> Leishmania donovani

<400> 34
acggagcggc tgaaggtgcg gcaggtgcag gacaagtgga 40

<210> 35
<211> 36
<212> DNA
<213> Leishmania donovani

<400> 35
atggcgcctg cctcggatgc ggggtactac agcgcc 36

<210> 36
<211> 610
<212> DNA
<213> Leishmania donovani

<400> 36
tgcacacgga gcggctgaag gtgcggcagg tgcaggacaa gtggaaggtg acgggcatgg 60

gcaacgagat ctgtggccac ttcaaggtgc cgccggcgca catcaccgat ggcctgagca 120

acaccgactt cgtgatgtac gtcgcctccg tgccgagcga gggggatgtg ctggcgtggg 180

ccacgacctg ccaggtgttc tctgacggcc atccagccgt gggcgtcatc aacatccccg 240

cggcgaacat tgcgtcgcgg tacgaccagc tggtgacgcg tgtcgtcacg cacgagatgg 300

cgcacgcgct cggcttcagc gtcgtcttct tccgagacgc ccgcatcctg gagagcattt 360

cgaacgttcg gcacaaggac ttcgatgttc ccgtgatcaa cagcagcacg gcggtggcga 420

aggcgcgcga gcagtacggc tgcggcacct tggagtatct ggagatggag gaccagggcg 480

gtgcgggctc cgccgggtcg cacatcaaga tgcgcaacgc gcaggacgag ctcatggcac 540

ctgcctcgga tgcggggtac tacagcgccc tgaccatggc catcttccag gacctcggct 600

tctaccaggc 610